

AMENDMENTS TO THE CLAIMS

The listing below of the claims will replace all prior versions and listings of claims in the present application:

Listing of Claims:

Claim 1 (previously presented): A method relating to identification systems in which a transponder reflects an inquiry signal from a communicator, said method comprising the steps of:

modulating a reflected signal from the transponder with data that can be read by the communicator,

including in said modulated data-carrying signal reflected by the transponder a check sum calculated on the basis of data stored in a memory of the transponder, and permanently storing the check sum in the transponder memory.

Claim 2 (previously presented): A method according to claim, 1, including the step of calculating in the communicator a check sum on the basis of a first algorithm which is identical for a first group of transponders and that is different from an algorithm used for other groups of transponders.

Claim 3 (previously presented): A method according to claim 2, wherein the calculation on the basis of the first algorithm takes place in the communicator with each reading of a transponder; and including the step of comparing the calculated

check sum with the stored transponder check sum transmitted with the reflected signal

Claim 4 (previously presented): A method according to claim 1, wherein the calculation of the check sum in the communicator does not include the transponder check sum transmitted by the transponder.

Claim 5 (previously presented): A method according to claim 1, wherein the calculation of the check sum in the communicator includes the transponder check sum transmitted by the transponder.

Claim 6 (previously presented): A transponder comprising: at least one antenna, at least one memory, and at least one means for reflecting and modulating an inquiry signal received from a communicator, wherein said reflected signal includes a data-carrying modulation, wherein the reflected signal is read by the communicator, and wherein said data-carrying modulation includes a check sum calculated on the basis of data stored in the transponder memory, wherein the transponder includes a check sum stored permanently in the transponder memory.

Claim 7 (currently amended): A transponder according to claim 5 6, wherein the check sum stored in the transponder is calculated using a first algorithm that is identical for a first group of transponders and that is different from an algorithm used for other groups of transponders.